

# Converting Colors

Hex(8E2A4B)

Have a look what the booklet for  
Hex(8E2A4B) contains.

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# Color

**Hex(8E2A4B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E2A4B
RGB	142, 42, 75
RGB Percent	56%, 16%, 29%
CMY	0.4431, 0.8353, 0.7059
CMYK	0.00, 0.70, 0.47, 0.44
HSL	340°, 54%, 36%
HSV	340°, 70%, 56%
XYZ	13.2533, 7.9147, 7.4858
YIQ	75.6620, 49.0070, 31.4630

# Conversions

## Conversions Part 2

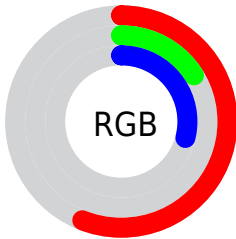
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 42, 75
Decimal	9316939
CIELab	33.80, 44.60, 3.94
CIElCh	34, 44.776, 5.045
Yxy	7.9147, 0.4625, 0.2762
Android (android.graphics.Color)	4287507019 (0xFF8E2A4B)
YUV	75.6620, -0.3264, 58.1784
Hunter-Lab	28.1331, 34.8571, 3.9170

# Details

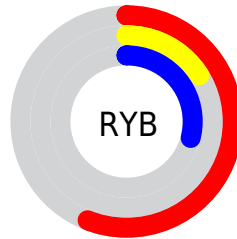
The Hex color **8E2A4B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2A8E6D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C75F7C**, and **570020** is the 20% darker color. If you saturate the color by 10%, you get **8E1C41**, and if you desaturate by 10%, it is **8E3855**.

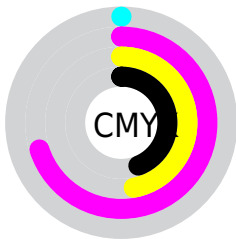
# Distribution



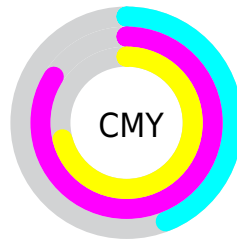
- Red (56%)
- Green (16%)
- Blue (29%)



- Red (56%)
- Yellow (16%)
- Blue (29%)



- Cyan (0%)
- Magenta (70%)
- Yellow (47%)
- Black (44%)



- Cyan (44%)
- Magenta (84%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E2A4B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8E2A4B by changing the saturation by 10% instead.



 8E2A4B

 8E2A4B

FFFFFF

 720A35

 C75F7C

 570020

 E57995

 3D0007

 FF94B0

 200001

 FFB0CB

 000000

 FFCCE7

 FFE9FF

 8E2A4B

 8E2A4B

 8E1C41

 8E3855

■ 8E0E38

■ 8E465E

■ 8E002F

■ 8E5568

■ 8E6371

■ 8E717B

■ 8E7F84

■ 8E8D8E

■ 8E9C97

■ 8EAAA1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7E326E



8E2A4B



8A3329

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8E2A4B



36590D



005B90

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8E2A4B



2A8E6D

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



005F77



8E2A4B



005E30

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8E2A4B



5B5000



006055



005297

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8E2A4B



7F3D14



006055



005D89



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8E2A4B



B8919E



6D2A8E



5C454C



DBDBDB



5C5C5C



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8E2A4B



B81C4F



8E3B2A



474043



87002D



080003



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8E2A4B



B81C4F



2A7D8E



474043



87002D

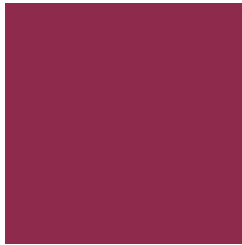


080003



# Previews

## White Background



This preview shows how the Hex color 8E2A4B looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

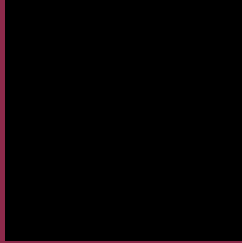
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8E2A4B Background



This preview shows how black text looks on a background with the Hex color 8E2A4B.

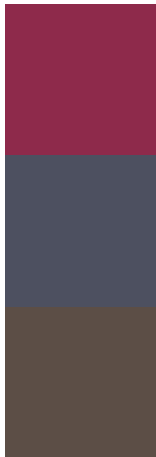


This preview shows how white text looks on a background with the Hex color 8E2A4B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
8E2A4B

**Protanopia**  
4D5060

**Deuteranopia**  
5C4E46



**Tritanopia**  
8D3032

# Trichromacy



**Original Color**  
8E2A4B

**Protanomaly**  
654258

**Deuteranomaly**  
6E4148

**Tritanomaly**  
8D2E3B

# Monochromacy



**Original Color**  
8E2A4B

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
64404C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E2A4B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8E2A4B looks like.

```
.text, #text, p{  
    color:#8E2A4B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8E2A4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2A4B
}
```

## Border

The CSS property to change the border of an element to Hex 8E2A4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

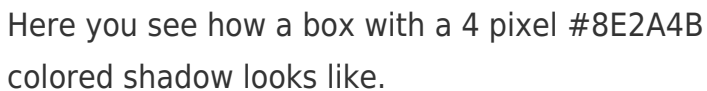
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E2A4B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8E2A4B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #8E2A4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2A4B; -webkit-box-shadow:4px 4px  
4px 4px #8E2A4B; box-shadow:4px 4px 4px  
4px #8E2A4B }
```

# Background

The CSS property to change the background color of an element to Hex 8E2A4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2A4B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8E2A4B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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